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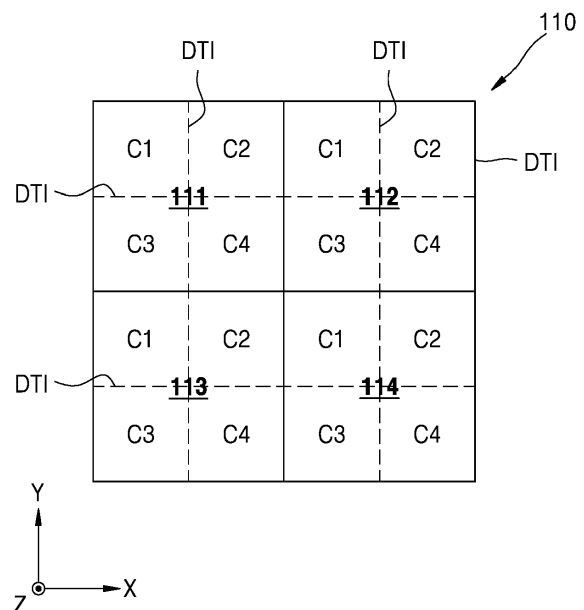
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(54) **IMAGE SENSOR HAVING NANO-PHOTONIC LENS ARRAY AND ELECTRONIC APPARATUS INCLUDING THE SAME**

(57) Provided is an image sensor that includes a sensor substrate including a plurality of pixels, a nano-photonics lens array including a plurality of nano-structures that are disposed to color-separate incident light and condense the color-separated incident light onto the plurality of pixels, and a color filter layer including a plurality of color filters, wherein the total number of color filters transmitting the light of a first wavelength band is greater than a number of color filters transmitting the light of a second wavelength band and the number of the color filters transmitting the light of a third wavelength band, and the plurality of nano-structures of the nano-photonics lens array color-separate and condense the light of the second wavelength band and the light of the third wavelength band, and condense the light of the first wavelength band without color-separation.

FIG. 4





EUROPEAN SEARCH REPORT

Application Number

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DOCUMENTS CONSIDERED TO BE RELEVANT

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ANNEX TO THE EUROPEAN SEARCH REPORT
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5 This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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